

SPECIAL PAPERS ON GENERAL METEOROLOGY.

RECENT ADDITIONS TO THE WEATHER BUREAU LIBRARY.

C. FITZHUGH TALMAN, Librarian.

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies. Anonymous publications are indicated by a _____.

Bates, D[aniel] C[ross].

Meteorology of New Zealand. Wellington. 1911. 14 p. Map. 8° [Describes the weather of 1910; gives averages and map of the rainfall for both islands.]

Bjerknes, V., & others.

Dynamic meteorology and hydrography. Pt. 2.—Kinematics. Washington. 1911. vii, 175 p. Atlas. f°. (Carnegie institution of Washington. Public. 88, pt. 2 and atlas.)

Bonacina, L. C. W.

Climatic control. London. 1911. viii, 167 p. 16°.

Bouches-du-Rhône (France). Commission météorologique.

Bulletin annuel. Année 1910. Marseille. 1911. x, 104 p. Map. f°.

Colombo (Ceylon). Observatory.

Report on . . . , 1910–11, and the meteorology of Ceylon, 1910. [Colombo. 1911.] var. pag. Plates. Maps. f°.

Comité international des poids et mesures.

Procès-verbaux . . . 1911. 2me sér. t. 6. Paris. 1911. vi, 247 p. 8°.

Cotton, E. C., & Voorhees, J. F.

The cattle tick as affected by climate. Knoxville, Tenn. 1911. p. [2], 128–164. 8°. (Univ. Tenn. Agr. exp. sta. Bull. 94.)

Covert, James R.

Seeds time and harvest: cereals, flax, cotton, and tobacco. Dates of planting and harvesting east of meridians 102°–104°, in the United States. Washington. 1912. 152 p. Maps. 8°. (U. S. Dept. agric., Bur. statistics. Bull. 85.)

Croydon natural history and scientific society.

Report of the Meteorological committee for 1910. [Croydon.] [1911.] 8°. (In Trans. . . . , 1910–1911. p. 13–37 + [63] p.)

Flammarion, Camille.

Annuaire astronomique et météorologique. 47e année, 1911. Paris. n. d. 12°.

Goldsbury, P. W.

Humidity and health. [Warwick, Mass. 1911.] 22 p. 8°. (Reprint: Boston med. surg. jour., Sept. 7, 1911, 165:366–372.)

Great Britain. Advisory committee for aeronautics.

Technical report, 1910–11. (With appendices.) London. 1911. 134 p. Plates. 8°.

Hérault (France). Commission météorologique.

Bulletin météorologique . . . 1910. 38me année. Montpellier. 1911. 57 p. 4°.

Hesse. Grossherzogliches hydrographisches Bureau.

Deutsches meteorologisches Jahrbuch, 1910. Hessen. 10. Jahrgang. Darmstadt. 1911. [15], 78 p. Maps. f°. [Contains means for the periods 1906–1910 and 1901–1910.]

Hoitsy, Paul.

Neue Grundlagen der Meteorologie. Budapest. 1911. 107 p. 4°. [Deals chiefly with lunar influences.]

Knox, Alexander.

The climate of the continent of Africa. Cambridge. 1911. xii, 552 p. 13 maps. 8°. [Contains extensive compilations of data for many points throughout Africa; also monthly rainfall maps.]

Lehmann, Artur.

Altweibersommer. Die Wärmerückfälle des Herbstes in Mitteleuropa. (Mit 6 Karten im Text.) Berlin. 1911. 4°. (In Landw. Jahrb. (Thiel.) 1911. Bd. 41, Hft. 1, p. 57–129.) [A discussion of the European "Indian summer."]

Madrid. Observatorio.

Anuario, 1912. Madrid. 1911. 529 p. 12°.

Mialaret, Th.

Météorologie de la Nouvelle-Calédonie: hiver météorologique (juin–juillet–août). Nouméa. 1911. 8°. (In Rev. agric. No. 13, Oct. 1911, p. 37–45.)

Miller, Eric Rexford.

Methods and material for teaching meteorology. [n. t. p. 1911.] 12 p. 8°. (Reprint: Educ. bimonthly, Dec., 1911.)

Morrison, John H[arrison].

Are there equinoctial storms? Development of the marine barometer in American waters. New York. [c1911.] 30 p. 16°.

Nansouty, Max de.

Aérostation, aviation. Paris. [c1911.] 758 p. 4°. (Les merveilles de la science. [v. 4].)

Pastrana, Manuel E.

Atlas de las nubes para el Servicio meteorológico de la República Mexicana . . . [Boston, Mass.] 1906. 19 p. 65 pl. 23 by 304 cm.

Podolia (Russia). Station expérimentale agronomique de Ploty.

Observations météorologiques, 1910. [Russian.] Odessa. 1911. 64 p. 4°.

Punta Arenas (Chile). Observatorio del Colegio "S. José."

Resúmen de las observaciones de veinte años (1888–1907); por P. Marabini. Santiago de Chile. 1909. [58] p. 4°.

Salisbury, George N.

The climate of Puget Sound. (In "The Argus," Seattle, Wash., No. 46, Dec. 16, 1911, 18: 58–59.)

Shimek, B[ohumil].

The prairies. Iowa City, Iowa. 1911. p. 169–240. 14 plates. 8°. (Reprint: Bull. Lab. nat. hist., Univ., Iowa. v. 6, no. 1.) [Explains the treelessness of the prairies as chiefly due to evaporation.]

Stange, Alfred.

Versuch einer Darstellung der griechischen Windverhältnisse und ihrer Wirkungsweise (nach alten und neuen Quellen). Meissen. [1910?] iv, 203 p. 8°. (Diss.—Leipzig.) [Bibliography.]

Supan, Alexander.

Grundzüge der physischen Erdkunde. 5th ed. Leipzig. 1911. ix, 969 p. 8°.

Wiener, Otto.

Vogelflug, Luftfahrt und Zukunft, mit einem Anhang . . . Leipzig. 1911. 59 p. 8°.

Wolfer, A.

Astronomische Mitteilungen. No. 102 . . . 1910. Zürich. [1911.] p. 31–58. 8°.

Yokoyama, Matajiro.

Climatic changes in Japan since the Pliocene epoch. Tokyo. [1911.] 16 p. 1 pl. 4°. (Jour. coll. sci., Tokyo, 32, art. 5.)

RECENT PAPERS BEARING ON METEOROLOGY.

C. FITZHUGH TALMAN, Librarian.

The subjoined titles have been selected from the contents of the periodicals and serials recently received in the library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and other cognate branches of science. This is not a complete index of the meteorological contents of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau. Unsigned articles are indicated by a _____.

Astrophysical journal. Chicago. v. 34. December, 1911.

Very, Frank W. On the need of adjustment of the data of terrestrial meteorology and of solar radiation, and on the best value of the solar constant. p. 371–387.

Franklin institute. Journal. Philadelphia. v. 173. January, 1912.

Abbe, Cleveland. The obstacles to the progress of meteorology. p. 55–72.